
Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2009; month=2; day=17; hr=17; min=39; sec=12; ms=182;]

Validated By CRFValidator v 1.0.3

Application No: 10585499 Version No: 2.0

Input Set:

Output Set:

Started: 2009-01-28 09:53:06.559 **Finished:** 2009-01-28 09:53:07.676

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 117 ms

Total Warnings: 7

Total Errors: 1

No. of SeqIDs Defined: 17

Actual SeqID Count: 17

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SEQUENCE LISTING

OF

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Asn	Ser	Trp	Arg 180	Tyr	Leu	Ser	Asn	Arg 185	Leu	Leu	Ala	Pro	Ser 190	Asp	Ser
Pro	Glu	Trp 195	Leu	Ser	Phe	Asp	Val 200	Thr	Gly	Val	Val	Arg 205	Gln	Trp	Leu
Ser	Arg 210	Gly	Gly	Glu	Ile	Glu 215	Gly	Phe	Arg	Leu	Ser 220	Ala	His	Cys	Ser
Cys 225	Asp	Ser	Arg	Asp	Asn 230	Thr	Leu	Gln	Val	Asp 235	Ile	Asn	Gly	Phe	Thr 240
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Ser	Ser	Arg 275	His	Arg	Arg	Ala	Leu 280	Asp	Thr	Asn	Tyr	Суз 285	Phe	Ser	Ser
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Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala 340 345 350 350

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Ile Arg Gly Gln Ile Leu Ser Lys Leu Arg Leu Ala Ser Pro Pro Ser
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Gln Gly Asp Val Pro Pro Gly Pro Leu Pro Glu Ala Val Leu Ala Leu 65 70 75 80

Tyr Asn Ser Thr Arg Asp Arg Val Ala Gly Glu Ser Val Glu Pro Glu 85 90 95

Pro Glu Pro Glu Ala Asp Tyr Tyr Ala Lys Glu Val Thr Arg Val Leu 100 105 110

Met Leu Glu Ser Gly Asn Gln Ile Tyr Asp Lys Phe Lys Gly Thr Pro 115 120 125

His Ser Leu Tyr Met Leu Phe Asn Thr Ser Glu Leu Arg Glu Ala Val

130 135 140

Pro Glu Pro Val Leu Leu Ser Arg Ala Glu Leu Arg Leu Leu Arg Leu 150 155 160 Lys Leu Lys Val Glu Gln His Val Glu Leu Tyr Gln Lys Tyr Ser Asn 170 Asp Ser Trp Arg Tyr Leu Ser Asn Arg Leu Leu Ala Pro Ser Asp Ser 180 185 190 Pro Glu Trp Leu Ser Phe Asp Val Thr Gly Val Val Arg Gln Trp Leu 195 200 205 Thr Arg Arg Glu Ala Ile Glu Gly Phe Arg Leu Ser Ala His Cys Ser 210 215 220 Cys Asp Ser Lys Asp Asn Thr Leu His Val Glu Ile Asn Gly Phe Asn 225 230 235 240 Ser Gly Arg Arg Gly Asp Leu Ala Thr Ile His Gly Met Asn Arg Pro 245 250 255 Phe Leu Leu Met Ala Thr Pro Leu Glu Arg Ala Gln His Leu His 260 265 Ser Ser Arg His Arg Arg Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser 275 280 285 Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys 290 295 300 Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn 305 310 315 320 Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr 325 330 335 Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala 345 340

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Ile Val Arg Phe Asp Val Ser Ala Met Glu Lys Asn Ala Ser Asn Leu 130 135 140

Val Lys Ala Glu Phe Arg Val Phe Arg Leu Gln Asn Pro Lys Ala Arg 145 150 155 160

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Leu Thr Ser	Pro Thr 180	Gln Arg	_	Ile Asp 185	Ser Lys		Val Lys 190	s Thr
Arg Ala Glu 195	Gly Glu	Trp Leu	Ser P	Phe Asp	Val Thr	Asp 2	Ala Val	l His
Glu Trp Leu 210	His His	Lys Asp 215	Arg A	Asn Leu	Gly Phe 220	Lys :	Ile Sei	. Leu
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Ser Thr Tyr	Thr Ser 260	Gly Asp		Lys Thr 265	Ile Lys		Thr Arg 270	g Lys
Lys Asn Ser 275	Gly Lys	Thr Pro	His I 280	Leu Leu	Leu Met	Leu 1 285	Leu Pro	ser
Tyr Arg Leu 290	Glu Ser	Gln Gln 295	Thr A	Asn Arg	Arg Lys 300	Lys A	Arg Ala	a Leu
Asp Ala Ala 305	Tyr Cys	Phe Arg 310	Asn V	/al Gln	Asp Asn 315	Суз	Cys Leı	320
Pro Leu Tyr	Ile Asp 325	Phe Lys	Arg A	Asp Leu 330	Gly Trp	Lys :	Trp Ile	
Glu Pro Lys	Gly Tyr 340	Asn Ala		Phe Cys 345	Ala Gly		Cys Pro 350	o Tyr
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Ser Lys Leu Arg Leu Thr Ser Pro Pro Glu Pro Thr Val Met Thr His 50 55 60

Val Pro Tyr Gln Val Leu Ala Leu Tyr Asn Ser Thr Arg Glu Leu Leu 65 70 75 80

Glu Glu Met His Gly Glu Arg Glu Glu Gly Cys Thr Gln Glu Asn Thr 85 90 95

Glu Ser Glu Tyr Tyr Ala Lys Glu Ile His Lys Phe Asp Met Ile Gln 100 105 110

Gly Leu Ala Glu His Asn Glu Leu Ala Val Cys Pro Lys Gly Ile Thr 115 120 125

Ser Lys Val Phe Arg Phe Asn Val Ser Ser Val Glu Lys Asn Arg Thr 130 135 140

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Arg Glu Trp 210	Leu Leu	Arg Arg 215	Glu Sei	Asn Leu	Gly Leu 220	Glu Ile	Ser
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Asp Asn Pro 290	Gly Gln	Gly Gly 295	Gln Arç	g Lys Lys	Arg Ala 300	Leu Asp	Thr
Asn Tyr Cys 305	Phe Arg	Asn Leu 310	Glu Glu	ı Asn Cys 315	Cys Val	Arg Pro	Leu 320
Tyr Ile Asp	Phe Arg 325	Gln Asp	Leu Gly	7 Trp Lys 330	Trp Val	His Glu 335	Pro
Lys Gly Tyr	Tyr Ala 340	Asn Phe	Cys Sei	-	Cys Pro	Tyr Leu 350	Arg
Ser Ala Asp 355	Thr Thr	His Ser	Thr Val	. Leu Gly	Leu Tyr 365	Asn Thr	Leu
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